BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of the work: Estimate for Construction of Culverts in Ward No. 03, Attur.

									Estimate Cost:	300000.00
Sl No	Description	Unit	No.	L	B	D	Qty	Rate	Amount	
1	KSRRB 300-1 Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 **Page No. 143 / Item No. 19.1, PWD SR 2018-19**	Cum								
	Culvert		2	6.60	2.00	1.05	27.72			
	Basic Rate	130.00					**27.72**	265.40	**7357.00**	
	AD-HOC @ 11% of PWD SR 2016-17	14.30								
	Add loading and unloading Charges **It No 17.1 KSRRB M 100-1**	68.00								
	Average weight of earth 1.28 tonne / kg for 11.90 Km = 1.28 T X 11.90Km X 2.5 Tonne / km = 38.08	38.08								
		250.38								
	Area Weightage @ 6%	15.02								
	Total	**265.40**								
2	KSRB 4-1.3 Providing and laying in position **plain cement concrete of mix 1:4:8** with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, **in foundation**, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. **Page No.13, Item No. 4.3 of PWD SR 2018-19**	Cum								
	Bottom Concrete		2	6.60	2.00	0.15	3.96			
	Basic Rate	5102.00					3.96	5408.12	**21416.00**	
	Area Weightage @ 6%	306.12								
	Total	**5408.12**								
3	KSRB 5.2-3 Providing and constructing granite / trap / basalt size stone masonry in **foundation with cement mortar 1:6, stone** hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 **Page No. 25 / Item No. 5.6, PWD SR 2018-19**	Cum								
			2x2	6.60	0.60	0.90	14.26			
	Basic Rate	4596.00					**14.26**	4871.76	**69452.00**	
	Area Weightage @ 6%	275.76								
	Total	**4871.76**								
4	KSRB 15.1.2 Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:4, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications **Page No. 115 / Item No. 15.2, PWD SR 2018-19**	Sqm								
			2x2	6.60		0.90	23.76			
	Basic Rate	140.00					**23.76**	148.40	**3526.00**	

Sl No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
	Area Weightage @ 6%	8.40							
	Total	148.40							
5	KSRB 4-1.6 , Providing and laying in position **plain cement concrete of mix 1:2:4** with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, **in foundation, plinth and cills**, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 **Page No.13, Item No. 4.6 PWD SR 2018-19**	Cum							
	Pointing		2	6.60	1.80	0.10	2.38		
	Ramp		2x2	6.60	0.90	0.15	3.56		
	Basic Rate	5422.00					5.94	5747.32	34139.00
	Area Weightage @ 6%	325.32							
	Total	5747.32							
6	Providing **precast slab of 250mm thick** including cost of all materials, labour, curing, transportation, loading unloading, etc.,complete as per the direction of engineer in charge - Data rate	Sqm							
			2	6.60	1.80		23.76		
							23.76	5418.00	128732.00
	Sub Total								264622.00
	GST @ 12%								31755.00
	Miscellaneous and other Charges	L/S							3623.00
								Total	300000.00

(Rupees three lakhs only)

CERTIFICATE:

1 The work spot has been inspected and the work is found necessary
2 This estimate is prepared as per PWD SR of 2018-19
4 The provisions were made in this estimate are necessary and adequate
5 This works come under B.B.M.P. limits.

Assistant Engineer
Ward No. 03

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Yelahanka Satellite Town Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Yelahanka Division

Administrative Sanction for Rs. 3.00 Lakh
Three Lakhs only
is accorded under head P.1771 -
2018-19

Registered as CE No. ..... Subject to conditions contained in enclosed memo No. EE/AA/45/18-19 Dt.....

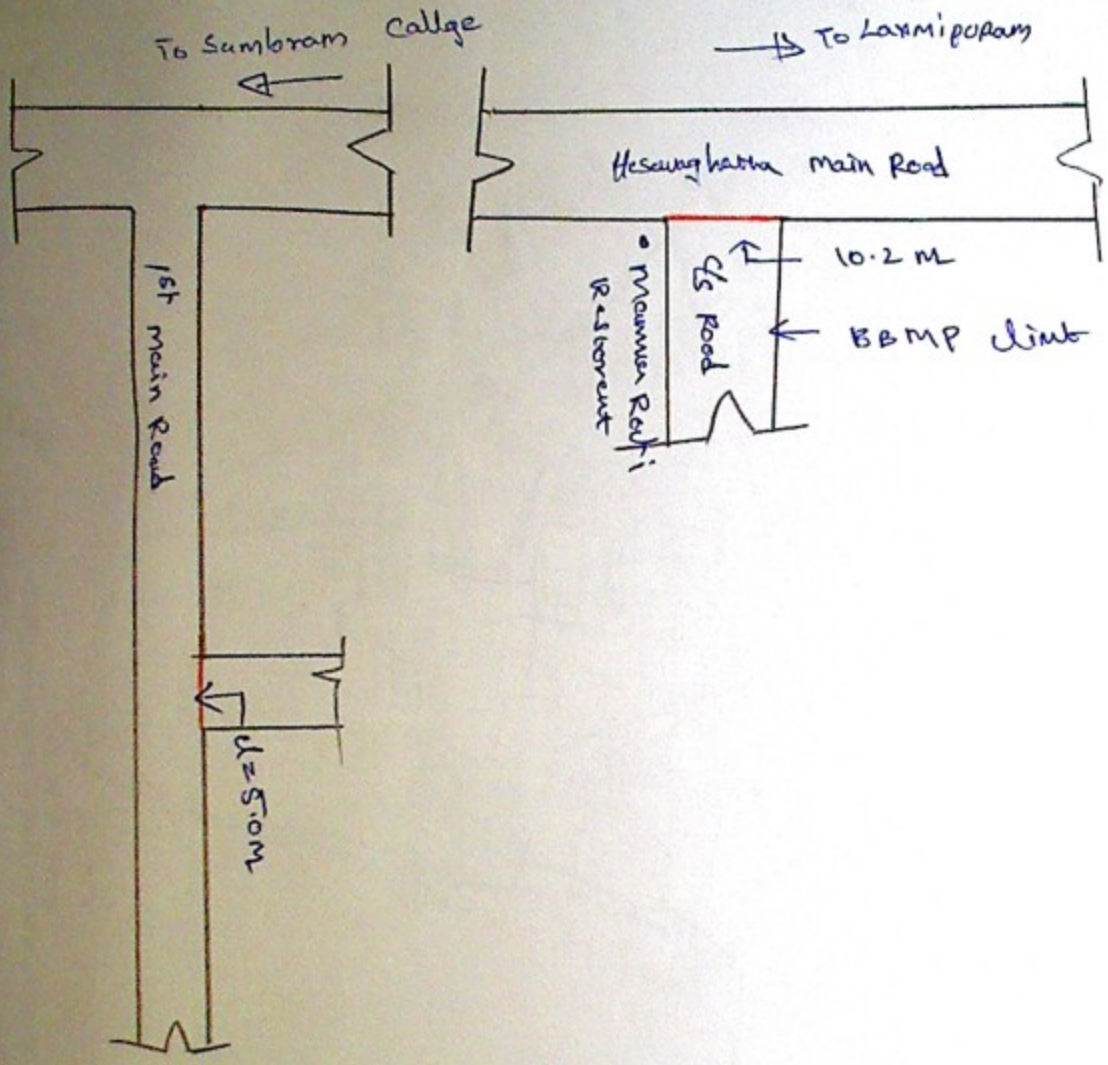
Executive Engineer

TECHNICALLY SANCTIONED FOR Rs. 3.00 Lakh
Rupees Three Lakhs -
-only-
Under P. 1771 - 2018-19

Registered as CE ( ) No. 99
Subject to conditions contained in enclosed memo EE ( ) No. /9/
Dt. Estimate A/ Sanctioned
EE/TS/69/18-19 No.
Dated Rs. 3.00 Lakhs

Executive Engineer

NAME OF WORK: CONSTRUCTION OF CULVERTS IN WARD NO: 03. ATTUR.



AE

Kalasu stone

Laying slab

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